

DATA STORAGE ON A MULTI-TIERED DISK SYSTEM

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ABSTRACT OF THE DISCLOSURE

A method and a computer usable medium including a program for operating disks having units, comprising: providing a first tier of at least one disk, the first tier storing at least one popular unit, providing a second tier of at least one disk, the second tier storing at least one unpopular unit, powering on at least one first tier disk, powering down the second tier, determining whether a request for a unit requires processing on the first tier or second tier, accessing the requested unit if the requested unit requires processing on the first tier, and powering on a second tier disk to copy the requested unit from the second tier disk to a first tier disk, if the requested unit is stored on the second tier.

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